Form PTO 948 (Rev. 03/01). U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

#### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW



Black ink. Color.  Color drawings are not acceptable until petition is granted.  Color drawings are not acceptable until petition is granted.  Pencil and non black ink not permitted. Fig(s)  Photographs may not be mounted. 37 CFR 1.84(e)  Poor quality (half-tone). Fig(s)  TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable.  Fig(s)  Fig(s)  All drawing paper is not acceptable (too thin).  Fig(s)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 84 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top (T)  Right (R)  Bottom (B)  6. VIEWS, 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Ealarged view not labeled separately or properly.  Fig(s)  Solid bl.  To DESIGN DR,  Views  To ESECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Scolid bl.  SCALE. 37 CS SCALE. 37 CS SCALE. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Scolid bl.  SCALE. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Scolid bl.  Scolid bl.  Scolid bl.  Scolid bl.  SCALE. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Scolid bl.  Scolid b	<del></del>
Color drawings are not acceptable until petition is granted.  Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s)  I full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) Poor quality (hal	IENT OF VIEWS. 37 CFR 1.84(i)
Fig(s) — SCALE. 37 CFR 1.84(b) — SCALE. 37 CFR 1.84(c) — Photographs may not be mounted. 37 CFR 1.84(e) — Photographs may not be mounted. 37 CFR 1.84(e) — Photographs may not be mounted. 37 CFR 1.84(e) — Fig(s) — Photographs may not be mounted. 37 CFR 1.84(e) — Fig(s) — Fi	do not appear on a horizontal, left-to-right fashion
Pencil and non black ink not permitted. Fig(s) PHOTOGRAPHS. 37 CFR 1.84(b) Scale no 1 full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) F	age is either upright or turned so that the top
PHOTOGRAPHS. 37 CFR 1.84(b)  I full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e)  Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable. Fig(s) Frasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (B1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) NUMBERS. Top (T) Right (R) VIEWS. 37 CFR 1.84(h) Bottom (B) VIEWS. 37 CFR 1.84(h) Brackets needed to show figure as one entity. Fig(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or	es the right side, except for graphs. Fig(s)
1 full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, yelum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fig(s) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fig(s) SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Margins not acceptable. Fig(s) Number SIZE: A5 Size Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Fig(s) Fig(s) SIZE: Size Right 1.5 cm Bottom 1.0 cm SIZE: A5 Size Fig(s) Fig(s) SIZE: A5 Size Fig(s) And Fig(s) SIZE: A5 Size Fig(s) Number Fig(s) Fig(s) Fig(s) Size Fig(s) Number Size Fig(s) Number Size Fig(s) Size Fig(s) Number Size Fig(s) Number Size Fig(s) Size Fig(s) Number Fig(s) Fig(s) Size Fig(s) Number Size Fig(s) Number Size Fig(s) Number Size Fig(s) Number Fig(s) Number Size Fig(s) Number Fig(s) Number Size Fig(s) Number Fig(s) Number Size Fig(s)	
Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Fig(s) Frasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) Mylar, velum paper is not acceptable sizes: Solid bit SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable sizes. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Figure Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fig(s) SIZE: A4 Size Fig(s) Fig(s)  Margins not acceptable. Fig(s)  VIEWS, 37 CFR 1.84(h) Bottom (B) VIEWS, 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) F	ot large enough to show mechanism without
Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Frasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: Solid bl. 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable margins:  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (7) Right (R) Bottom (B) VIEWS, 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes. Fig(s) Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Eralarged view not labeled separetely or property. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or  Fig(s) Solid bl.  10. CHARACTER 17 CFR 1.84(p) STAR 1.84(p) Solid bl. STEP 1.84(p) Solid bl. Solid bl. STEP 1.84(p) Solid bl.	ng when drawing is reduced in size to two-thirds in
TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable.  Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  Mylar, velum paper is not acceptable (too thin).  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (B 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Margins not acceptable. Fig(s)  Partial views. 37 CFR 1.84(h)(2)  Hatching not indicated for sectional portions of an object.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Surface  Solid bit.  Stranger in defined.  Fig(s)  Surface  Solid bit.  Stranger in defined.  Fig(s)  Lead in the same size.  Solid bit.  Size: A4 Size  Fig(s)  Eactional designation should be noted with Arabic or  10. CHARACTEF  37 CFR 1.84(in)  SIZE: A4(f) (2)  11. SHADING. 3  Size: Solid bit.  Size: Size: Size: Solid bit.  Size: Size: Size: Size: Solid bit.  Size: Siz	ection.
Paper not flexible, strong, white, and durable.  Fig(s)  Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable margins:  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Margins not acceptable. Fig(s)  Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Earlital views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Earlital views not labeled separately or properly.  Fig(s)  Earlity or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Solid bl	
Fig(s)  Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.0 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Wiews, 37 CFR 1.84(h)  Bottom (B)  VIEWS, 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Enlarged view not labeled separetely or property.  Fig(s)  Enlarged view not labeled separetely or property.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Lines, notedined.  Lines, notedined.  Fig(s)  Left (10 thin).  11. SHADINCS. 3 Solid bit should be noted with Arabic or	R OF LINES, NUMBERS, & LETTERS.
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)   Fig(s)   SHADING. 3   Fig(s)   SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: Solid bl. 21.0 cm by 29.7 cm (DIN size A4)   Shade li 21.0 cm by 29.7 cm (DIN size A4)   Shade li 21.0 cm by 27.9 cm (B 1/2 x 11 inches)   12. NUMBERS, L. All drawing sheets not the same size.	i)
Fig(s)	numbers & letters not uniformly thick and well
folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin).  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (B 1/2 x 11 inches)  All drawing sheets not the same size.  All drawing sheets not an acceptable size. Fig(s)  Drawings sheets not an acceptable margins:  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Figure 1  Number  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Elad Iii  Views not labeled separately or properly.  Fig(s)  Elad ginn  Views not labeled separately or properly.  Fig(s)  Hatching not indicated for sectional portions of an object.  Fig(s)  Surface  Solid bl.  Solid bl.  Solid bl.  11. SHADING. 3  Solid bl.  Top (T)  Left (L)  Solid bl.	l, clean, durable, and black (poor line quality).
Mylar, velum paper is not acceptable (too thin).  Fig(s)  Solid bl.  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Wiews, 37 CFR 1.84(h)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  Brackets needed to show figure as one entity.  Fig(s)  Brackets needed to show figure as one entity.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Surface  Solid bl.  Solid bl.	
Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Earliary or properly.  Earliary or properly.  Earliary or properl	37 CFR 1.84(m)
SIZE OF PAPER. 37 CFR 1.84(1): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  VIEWS, 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or	lack areas pale. Fig(s)
21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Ecorrect  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Surface  Solid bl	lack shading not permitted. Fig(s)
All drawing sheets not the same size.  Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s)  Top (T) Right (R) Bottom (B)  VIEWS, 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s)  Enlarged view not labeled separetely or properly.  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or  37 CFR 1.84(p)(2) Number Fig(s) Surface Solid bl	ines, pale, rough and blurred. Fig(s)
All drawing sheets not the same size.  Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s)  Top (T) Right (R) Bottom (B) VIEWS, 37 CFR 1.84(h) Bottom (B)  VIEWS, 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or property. Fig(s) Enlarged view not labeled separetely or property. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or  37 CFR 1.84(f) Number Same dia Fig(s) Size: Siz	LETTERS, & REFERENCE CHARACTERS.
Sheet(s)	(p)
Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Elad property.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Hatching not indicated for sectional portions of an object.  Fig(s)  Surface  Scitional designation should be noted with Arabic or  Solid bl	ers and reference characters not plain and legible.
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  — Top (T) — Left (L) — Right (R) — Bottom (B)  VIEWS, 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2) — Brackets needed to show figure as one entity.  Fig(s) — Views not labeled separately or properly.  Fig(s) — Lead limps beginn to beginn to beginn to beginn to separately or properly.  Fig(s) — Correct date of Correct date	
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  ESCTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or	legends are poor. Fig(s)
SIZE: A4 Size  Top 2.5'cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Lead Lire  SecTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or	rs and reference characters not oriented in the
SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  Enlarged view not labeled separetely or properly.  Fig(s)  Lead lift  Sectional views. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or  Follows  Fig(s)  Sourface  Solid bl	irection as the view. 37 CFR 1.84(p)(1)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Nounbert  Reminder Size (Left (L)  Bottom (B)  VIEWS, 37 CFR 1.84(h)  13. LEAD LINES  REMINDER: Specification may require revision to  Lead lift correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Size (Left (L)  Brackets needed to show figure as one entity.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Left (L)  Size (Left (L)  Lead lift correspond to drawing changes.  Lead lift correspond to deal lift correspond to the correspo	
SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  VIEWS, 37 CFR 1.84(h)  Bottom (B)  VIEWS, 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Surface  Sectional designation should be noted with Arabic or	alphabet not used. 37 CFR 1.84(p)(2)
Margins not acceptable. Fig(s)  Top (T)  Right (R)  Notice (B)  VIEWS. 37 CFR 1.84(h)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Hatching not indicated for sectional portions of an object.  Fig(s)  Brackets needed to show figure as one entity.  Sectional designation should be noted with Arabic or  Number (Sig(s)  Views not labeled separately or properly.  Sectional designation should be noted with Arabic or  Solid bl	•
Top (T) Lef (L)	ers, letters and reference characters must be at least
Right (R) Bottom (B) Fig(s)  VIEWS, 37 CFR 1.84(h) 13. LEAD LINES  REMINDER: Specification may require revision to Lead lift correspond to drawing changes. — Lead lift specified in the correspond to drawing changes. — Lead lift specified in the correspond to drawing changes. — Lead lift specified in the corresponding to	(1/8 inch) in height. 37 CFR 1.84(p)(3)
VIEWS, 37 CFR 1.84(h)  REMINDER: Specification may require revision to  Lead lir  correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Surface  Sectional designation should be noted with Arabic or	
REMINDER: Specification may require revision to Lead lir correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Sectional designation should be noted with Arabic or  Lead lir correspond to Lead lir NumBERING  Sheets beginni  15. NUMBERING  Views rough v	
correspond to drawing changes.  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Enlarged view not labeled separately or properly.  ECCTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or	nes cross each other. Fig(s)
Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Enlarged view not labeled separately or properly.  Fig(s)  Hatching not indicated for sectional portions of an object.  Fig(s)  Sectional designation should be noted with Arabic or	ines missing. Fig(s)
Brackets needed to show figure as one entity.  Fig(s) beginni  Views not labeled separately or properly.  Fig(s) 2 Views not labeled separately or properly.  Enlarged view not labeled separately or properly.  Enlarged view not labeled separately or properly.  Fig(s) 16. CORRECTION CORR	G OF SHEETS OF DRAWINGS. 37 CFR 1.84(1)
Fig(s) beginni Views not labeled separately or properly. 15. NUMBERING Fig(s) Views not labeled separately or properly. 5. NUMBERING Enlarged view not labeled separately or properly. 5. Deginni Fig(s) 16. CORRECTION SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) 16. CORRECTION (and the content of the	not numbered consecutively, and in Arabic numera
Views not labeled separately or properly.  Fig(s) Views roll belief separately or properly.  Enlarged view not labeled separately or properly.  Enlarged view not labeled separately or properly.  Enlarged view not labeled separately or properly.  16. CORRECTIO  Correct  dated  Hatching not indicated for sectional portions of an object.  Fig(s) Surface  Sectional designation should be noted with Arabic or	ing with number 1. Sheet(s)
Fig(s) Views r Enlarged view not labeled separetely or properly. beginni Fig(s) 16. CORRECTIO Correct SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	IG OF VIEWS. 37 CFR 1.84(u)
Enlarged view not labeled separetely or properly.  Fig(s) 16. CORRECTIO Correct SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Solid bl	not numbered consecutively, and in Arabic numera
Fig(s) 16. CORRECTIO  Correct  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s) 17. DESIGN DR.  Fig(s) Surface  Sectional designation should be noted with Arabic or	ing with number 1. Fig(s)
SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s) Sectional designation should be noted with Arabic or  Solid bl	ONS. 37 CFR 1.84(w)
SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  Hatching not indicated for sectional portions of an object.  Fig(s) Sectional designation should be noted with Arabic or  Solid bl	tions not made from prior PTO-948
Hatching not indicated for sectional portions of an object.  Fig(s) Sectional designation should be noted with Arabic or  Hatching not indicated for sectional portions of an object.  Surface Solid bl	
Fig(s) Surface Surface Solid bl	AWINGS. 37 CFR 1.152
Sectional designation should be noted with Arabic or Solid bl	e shading shown not appropriate. Fig(s)
	plack shading not used for color contrast.
<u> </u>	
OMMENTS	

DATE 8/17/0/ TELEPHONE NO. 308 REVIEWER 13 ATTACHMENT TO PAPER NO

# Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

## 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

#### **Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.